

Serial Nr.: 10/672,352  
Art Unit: 2838

03207-URS

### REMARKS

In the Office Action, the examiner states that Applicant's amendment necessitated the new ground(s) of rejection. Claims 1 and 2 are rejected under 35 U.S.C. §102(b) as being anticipated by Tsuyuguchi, and claims 4-6 are rejected under 35 U.S.C. §103(a) as being unpatentable over Tsuyuguchi.

In the Office Action, the Examiner rejected the application by citing the art of Tsuyuchi (USP 6,345,364). However, USP 6,345,364 belongs to Lee. From the Notice of Reference Cited included in the office action, applicant takes USP 6,289,397 of Tsuyuchi as the contending prior art used in the office action. The following comments are made with respect to Tsuyuchi (USP 6,289,397).

The gist of the instant invention is to provide a power supply device which includes a power controlling unit for providing power through a USB interface to a peripheral unit. The power controlling unit receives the output from a voltage converting unit to generate a power supply output and a status of power supply. The USB interface is connected to a peripheral unit and outputs the electric power from the main power supply to the peripheral unit based on the status of the power supply. A switch provides an option for the user to decide whether or not the power supply output is output from the USB interface unit when an electronic device which uses the power supply device is shut down. It is important to note that the switch is connected to the power controlling unit and the power controlling unit provides the power supply output to the USB interface then to a peripheral unit.

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Tsuyuchi discloses a flexible magnetic disk drive which is linked to a computer via a universal serial bus held on a read-only memory. The flexible magnetic disk drive is self-powered, having a dedicated power supply, and does not need the power conductors included in the USB cable (col. 4, lines 27-30 and col. 5, lines 40-45). The FDD interface may take the form of an interface board, having an FDD controller (28), a USB interface (29) and a supply circuit (30) mounted on a printed circuit board (col. 5, lines 31-34). The FDD controller (28) has a supply terminal connected to the five-volt supply line (34). (col. 5, lines 66-67). With reference to FIG. 2 of Tsuyuchi, the FDD controller (28) is a member of the flexible magnetic disk drive (a peripheral unit) connected to the output of the USB interface. As can be seen from FIG. 1 of Tsuyuchi, the FDD controller (28) takes the power directly from the power source (34a) through the five-voltage supply line and a switch (3b). The USB interface provides the interface between the computer and the flexible magnetic disk drive to the USB specification (col. 6, lines 1-20). Most importantly, the FDD controller being part of a peripheral unit does not provide power to the USB interface.

In the office action, the examiner rejects claims 1 and 2 on the ground that Tsuyuchi discloses a voltage converting unit (30), a power controlling unit (28), a USB interface (29) and a switch (34b). Applicant respectfully contends that the rejection is unwarranted as clearly seen from the above discussion. The FDD controller (28) of Tsuyuchi which is part of a peripheral unit is completely different from the power controlling unit of the instant invention. More specifically, the FDD controller (28) is not a power supply unit to the USB interface. The FDD controller (28) does not

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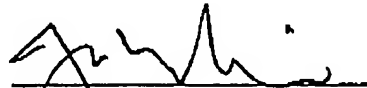
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connect to a voltage converting unit. The limitation in claim 1 of the instant invention is clearly neither disclosed nor anticipated by Tsuyuchi.

From the foregoing comparison, it is clear that the instant invention differs from the cited prior arts. The power supply device of the instant invention and the flexible magnetic disk drive of Tsuyuchi have different elements connected in completely different ways for serving totally different functions. The physical difference results in different effects and is not obvious. The amended claim 1 has overcome the rejection under 35 U.S.C. §102(b) and should be patentable. Claim 3 is cancelled. By virtue of dependency, claims 2, and 4-6 should also be patentable. Claims 1, 2 and 4-6 are in full condition for allowance.

Because the office action dated 03/16/2005 was made final, Applicant respectfully requests continued examination under 37 CFR 1.114. An RCE transmittal and a Credit Card Payment Form for the required RCE fee are attached. Prompt and favorable reconsideration of the application is respectfully solicited.

Respectfully submitted,



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